

TVIP21552

IR Pan/Tilt HD 720p WLAN Network Camera

With this day/night megapixel IP camera with pan/tilt function you do not miss any detail even in larger surveillance areas. The range for recognition/identification doubles to 12m/6m compared to VGA resolution! In darkness, B/W mode is activated and uses 12 integrated IR LEDs to provide a visual range of 10m. You feed the images of brilliant 1.3 million pixels (1280x1024) into your network and view them in your browser or the supplied VMS software. This way, you can even control your camera when you are on the road. Thanks to the most current Progressive Scan 1/4" CMOS technology, color images are transmitted in real time (25 images/s) in full-screen method (no flickering). Recordings are compressed into your choice of the highly efficient H.264 format, MPEG-4, or MJPEG. Exclusively for megapixel cameras: Quadstream for delivering 4 parallel live streams via the Internet or to mobile devices (RTSP)

using optimal quality and image rate for different bandwidths (formats: H.264, MPEG-4, MJPEG and 3GPP). You can remotely control the pan/tilt function (354°/125°) or program it for unsupervised operation (max. 32 preset positions, 4 tours). In addition to the integrated 4mm wide-angle lens, 10x digital zoom is available. The functions ELC, BLC, AGC, and AWB ensure max. image optimization for every light situation. Using the integrated motion sensor, the camera reacts to motion in the image and emails an alarm notification or activates a relay output. Thanks to the network storage function, the camera accesses a networked recording device (PC, hard drive) to store its data there. The integrated microphone is also used for sound recognition – the camera reacts to noises above a prespecified level.

Product highlights:

- 1/4" progressive scan CMOS sensor
- Max. resolution 1280x1024 pixels
- 12 integrated IR LEDs for day/night function
- Simultaneous transmission of MPEG-4, MJPEG, H.264, and 3GPP video data (Quad stream)
- 32 preset positions/4 tours
- MicroSD card slot
- 1 alarm input/1 switching output
- Storage of the video data on NAS/network drives
- WLAN IEEE 802.11b/g/n

TVIP21552

IR Pan/Tilt HD 720p WLAN Network Camera

Technical Data

Sensor	1/4" Progressive Scan CMOS-Sensor
Camera type	Day/night
Resolution	1280 x 720, 640 x 480, 320 x 480, 160 x 160
Image elements (total)	1280(H) x 720(V)
Image elements (effective)	1280(H) x 720(V)
Lens	F 1.5, 4.0
Horizontal angle of view	53°
Digital zoom	10
Day/night switch	Electromechanical swivel IR filter
Minimum illumination (color)	0.5 lux
Minimum illumination (IR)	0 lux
Pan/tilt area	354°/125°
Maximum speed	60° per second / 80° per second
Frames per second	MJPEG: 1280 x 720 @ 25 fps, MJPEG: 640 x 480 @ 25 fps, MPEG-4: 1280 x 720 @ 15 fps, MPEG-4: 640 x 480 @ 25 fps, H.264: 1280 x 720 @ 25 fps, H.264: 640 x 480 @ 25
Number of parallel streams	4 (MJPEG, MPEG-4, H.264, 3GPP)
Electronic Shutter	1 ~ 1/7780 seconds
White balance	yes
Amplifier control	0-9
Backlight compensation	BLC, WDR
Motion detection	3 zones
Pre-/post alarm storage	3 pre, 1 alarm, 3 post alarm images
Number of presets	8
Number of tours	4
Alarm input (NO/NC)	1
Relais output	1
Microphone	ja
Alarm	E-Mail / FTP / HTTP notification / relay output / network drive
Software	ABUS VMS, Internet Explorer 6 oder höher, Safari, Mozilla Firefox
IR LEDs	12
IR range	10 m
Network connection	LAN: RJ45, WLAN: 802.11 b/g/n
Network protocol	Bonjour, TCP/IP, DHCP, PPPoE, ARP, ICMP, FTP, SMTP, DNS, NTP, UPnP, RTSP, RTP, HTTP, TCP, UDP, 3GPP/ISMA RTSP
Encryption	HTTPS SSLv3, WEP 64/128bit, WPA/WPA2-PSK

Power supply	12 VDC
Power consumption	740 mA
Max. operating temperature	35° C
Protection class	IP34
Dimensions	112 x 114 x 114
Certificates	CE, RoHS, Reach